



MERIT ENERGY COMPANY

## Shoshone 65-68

### Plug and Abandonment Procedure

#### Well Information

Field: Circle Ridge  
 County: Fremont County, Wyoming  
 Legal: 1,250' FSL & 2,970' FEL Section 36 T7N R3W  
 Lat/Long: 43.53612, -109.06314  
 API #: 4901321497

<b>Ground level elevation</b>	7,209'	<b>KB Elevation:</b>	7,219'
<b>TD:</b>	1,720'	<b>PBTD:</b>	1,705'
<b>Surface Casing:</b>	8-5/8", 24 #/ft, K-55, @ 70'		
<b>Surface Casing Cement:</b>	Unknown (Completion report shows cement to surface)		
<b>Surface Casing TOC:</b>	Surface	<b>Source:</b>	Completion Report
<b>Production Casing:</b>	5-1/2", 15.5 #/ft, K-55, @ 1,720'		
<b>Production Casing Cement</b>	210 sx		
<b>Production Casing TOC</b>	315'	<b>Source:</b>	Calculation
<b>Production Tubing</b>	No tubing in the well		
<b>Open perforations</b>	Tensleep Perfs: 1,520' – 1,720' Stuck Packer @ 1,705'		
<b>Well Status</b>	Shut In Injector		

**Note:** All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

#### Plugging Procedure

1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
2. Run Bit and Scraper to PBTD.
3. RIH and set CICR 50' above top perforation at 1,470'.
4. Sting into CICR and pump 1.5x wellbore volume (45 sx) of cement below CICR.
5. Sting out of CICR, pump 10 sx on top of retainer.
- ~~6. WOC 24 hours.~~
7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
8. Perforate circulation hole 200' from surface in production casing.
9. RIH with 2-3/8" 4.9# tubing to 190' below surface and circulate cement to surface outside Production casing through perforation.
10. Pump balanced plug to surface inside production casing.
11. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
12. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.



Well: Shoshone 65 68  
Status: SHUT-IN  
County, State: FREMONT, WYOMING  
API: 490132149700

CPF: Circle Ridge  
Spud Date: 1/1/1900  
Ground Elevation: 7,209.00  
KB Elevation: 7,219.00  
On Production Date: 11/1/2000

